



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Adopt resolution awarding the purchase of polemount and padmount transformers (\$75,819.37 (EUD))

MEETING DATE: May 5, 2004

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt a resolution awarding the bids for the purchase of polemount and padmount transformers to the bidder whose proposal and equipment meets City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs, Western States Electric, Portland, OR, in the amount of \$75,819.37.

BACKGROUND INFORMATION: On May 21, 2003, the City Council authorized the Electric Utility Department and the Purchasing Division to advertise for bids as necessary to meet the Electric Utility Department's requirements for polemount and padmount transformers through the fiscal year ending June 30, 2005.

On April 20, 2004, bids were opened for one size of polemount and two classes of padmount transformers, and life-cycle costs were evaluated. (Life-cycle costs are the combined total of purchase price plus cost of operation based on estimated power loss during the projected life of the transformer.) Proposals are also evaluated on the basis of compliance with equipment and bid specifications. Failure to comply with both may lead to disqualification of the bid. A summary of the bid evaluation is attached as Exhibit A.

The polemount transformers are expected to be used in the reconstruction of older parts of the overhead distribution system, and to replenish the inventory of back-up units. The padmount transformers are expected to be used for the White Slough WPCF expansion project, for a local plastic manufacturer's expansion project, and to replenish inventory.

FUNDING: Electric Utility Department 2003-2005 Financial Plan and Budget, Line Extensions, Business Unit #161651, Page E-41

Vicky McAuliffe
Vicky McAuliffe, Finance Director

Alan N Vallow
Alan N Vallow, Electric Utility Director

Attachment: Exhibit A

Prepared by Joel Harris, Purchasing Officer
cc: Manager, EUD Engineering & Operations

APPROVED:

H. Dixon Flynn
H. Dixon Flynn, City Manager

RESOLUTION NO. 2004-82

A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE BIDS FOR THE PURCHASE OF
POLEMOUNT AND PADMOUNT TRANSFORMERS

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on April 20, 2004, at 11:00 a.m. for the purchase of polemount and padmount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on May 21, 2003. The quantity and type are as follows:

Padmount Transformers			Polemount Transformers		
2	Each	1,500 kVA, 480Y/277 Volt, Three Phase Pad	8	Each	50 kVA, 120/240 Volt, Single Phase CP Pole
3	Each	1,500 kVA, 13,800x12,000 Volt to 480Y/277 Volt, Three Phase Pad			

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached; and

WHEREAS, the City Manager recommends the award of the bid for the various types and sizes of polemount and padmount transformers for the Electric Utility Department, be made to the bidders whose proposal and equipment meet City of Lodi specifications and whose transformers are expected to yield the lowest overall life-cycle costs, Western States Electric, of Portland, OR, in the amount of \$75,819.37.

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the bids for the purchase of polemount and padmount transformers for the Electric Utility Department, be and the same is hereby awarded to Western States Electric, of Portland, OR, in the amount of \$75,819.37.

Dated: May 5, 2004

I hereby certify that Resolution No. 2004-82 was passed and adopted by the City Council of the City of Lodi in a regular meeting held May 5, 2004, by the following vote:

AYES: COUNCIL MEMBERS – Beckman, Hitchcock, Howard, Land, and Mayor Hansen
NOES: COUNCIL MEMBERS – None
ABSENT: COUNCIL MEMBERS – None
ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON
City Clerk

Transformer Bid Evaluation

Bid Opening: April 4, 2004

Polemount

April 4, 2004

Tax (factor): 1.0775
 No Load Loss \$/watt: 3.75
 Load Loss \$/watt: 1.25

Bid Item 1 : 50 kVA, 120/240 Volt, Single Phase CP Pole

Number of units: 8

51 800

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (pounds)
Western States Electric (Cooper)	993.00	7,944.00	8,559.66	87	497	2,610.00	4,970.00	7,580.00	16,139.66	9-11	41	667
Central Moloney	986.00	7,888.00	8,499.32	104	477	3,120.00	4,770.00	7,890.00	16,389.32	14	39	655
Kuhlman Electric	920.00	7,360.00	7,930.40	111	514	3,330.00	5,140.00	8,470.00	16,400.40	6-8	38	653
3ML Group, Inc. (Cam Tran Pacific)	1,094.50	8,756.00	9,434.59	105	410	3,150.00	4,100.00	7,250.00	16,684.59	8-10	44	730
ERMCO / Hess Enterprises, Inc.	1,010.00	8,080.00	8,706.20	110	478	3,300.00	4,780.00	8,080.00	16,786.20	9-12	51	767
Howard Industries	1,036.00	8,288.00	8,930.32	107	498	3,210.00	4,980.00	8,190.00	17,120.32	6-8	37	586
G E Supply*	879.00	7,032.00	7,576.98	100	430	3,000.00	4,300.00	7,300.00	14,876.98	8-10	35	574 *

* Does not meet specifications, i.e. did not bid CP units

Transformer Bid Evaluation

Bid Opening: April 20, 2004

Padmount

April 20, 2004

Tax (factor): 1.0775
 No Load Loss \$/watt: 3.75
 Load Loss \$/watt: 1.25

Bid Item 1: 1,500 kVA, 480Y/277 Volt, Three Phase Pad

Number of units: 2 90 >5.30

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Western States (Cooper)	11,201.00	22,402.00	24,138.16	1606	9118	12,045.00	22,795.00	34,840.00	58,978.16	11-13	72	5.730
Western States (Pauwels)	13,320.00	26,640.00	28,704.60	1376	8107	10,320.00	20,267.50	30,587.50	59,292.10	9-11	72	5.750
G E Supply	13,145.00	26,290.00	28,327.48	1378	8599	10,335.00	21,497.50	31,832.50	60,159.98	8-10	69.6	5.720
Wesco Distribution	11,746.00	23,492.00	25,312.63	1487	9652	11,152.50	24,130.00	35,282.50	60,595.13	8-10	66.5	6.050
Ermco / Hess Enterprises, Inc.	12,067.00	24,134.00	26,004.39	2046	8578	15,345.00	21,445.00	36,790.00	62,794.39	8-11	63	5.600
Howard Industries, Inc.	13,597.00	27,194.00	29,301.54	1663	9885	12,472.50	24,712.50	37,185.00	66,486.54	5-7	77	5.800
3ML Group, Inc. (Cam Tran Co. Ltd.)	14,292.00	28,584.00	30,799.26	1440	10300	10,800.00	25,750.00	36,550.00	67,349.26	12-14	68	5.3-6.2

Bid Item 2: 1,500 kVA, 13,800x12,000 Volt to 480Y/277 Volt, Three Phase Pad,

Number of units: 3 14 weeks max. 90 >5.30

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Western States (Pauwels)	13,340.00	40,020.00	43,121.55	1378	8222	15,502.50	30,832.50	46,335.00	89,456.55	9-11	72	5.750
Western States (Cooper)	11,300.00	33,900.00	36,527.25	1656	9206	18,630.00	34,522.50	53,152.50	89,679.75	11-13	72	5.720
Wesco Distribution	12,017.00	36,051.00	38,844.95	1848	9221	20,790.00	34,578.75	55,368.75	94,213.70	8-10	66.5	5.910
Ermco / Hess Enterprises, Inc.	12,539.00	37,617.00	40,532.32	1846	9091	20,767.50	34,091.25	54,858.75	95,391.07	8-11	63	5.600
G E Supply	14,745.00	44,235.00	47,663.21	1482	9791	16,672.50	36,716.25	53,388.75	101,051.96	8-10	76.3	5.780
3ML Group, Inc. (Cam Tran Co. Ltd.)	14,212.00	42,636.00	45,940.29	1600	10300	18,000.00	38,625.00	56,625.00	102,565.29	12-14	68	5.3-6.2
Howard Industries, Inc.	17,166.00	51,498.00	55,489.10	1866	7869	20,992.50	29,508.75	50,501.25	105,990.35	5-7	73	5.900